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| APPLICATION NO. | FILING DATE | FIRST NAMED INVENTOR | ATTORNEY DOCKET NO. | CONFIRMATION NO. |
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| 10/084,548 | 02/25/2002 | Curtis E. Stevens | 01-1008 | 7976 |

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EXAMINER

GEBRESILASSIE, KIBROM K

ART UNIT PAPER NUMBER

2128

DATE MAILED: 09/23/2005

Please find below and/or attached an Office communication concerning this application or proceeding.

Office Action Summary

Application No.

10/084,548

Applicant(s)

STEVENS, CURTIS E.

Examiner

Kibrom K. Gebresilassie

Art Unit

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-- The MAILING DATE of this communication appears on the cover sheet with the correspondence address --
Period for Reply

A SHORTENED STATUTORY PERIOD FOR REPLY IS SET TO EXPIRE 3 MONTH(S) FROM THE MAILING DATE OF THIS COMMUNICATION.

- Extensions of time may be available under the provisions of 37 CFR 1.136(a). In no event, however, may a reply be timely filed after SIX (6) MONTHS from the mailing date of this communication.
- If the period for reply specified above is less than thirty (30) days, a reply within the statutory minimum of thirty (30) days will be considered timely.
- If NO period for reply is specified above, the maximum statutory period will apply and will expire SIX (6) MONTHS from the mailing date of this communication.
- Failure to reply within the set or extended period for reply will, by statute, cause the application to become ABANDONED (35 U.S.C. § 133). Any reply received by the Office later than three months after the mailing date of this communication, even if timely filed, may reduce any earned patent term adjustment. See 37 CFR 1.704(b).

Status

- 1) ☒ Responsive to communication(s) filed on 25 February 2002.
- 2a) ☐ This action is **FINAL**. 2b) ☒ This action is non-final.
- 3) ☐ Since this application is in condition for allowance except for formal matters, prosecution as to the merits is closed in accordance with the practice under *Ex parte Quayle*, 1935 C.D. 11, 453 O.G. 213.

Disposition of Claims

- 4) ☒ Claim(s) 1-6 is/are pending in the application.
- 4a) Of the above claim(s) _____ is/are withdrawn from consideration.
- 5) ☐ Claim(s) _____ is/are allowed.
- 6) ☒ Claim(s) 1-6 is/are rejected.
- 7) ☐ Claim(s) _____ is/are objected to.
- 8) ☐ Claim(s) _____ are subject to restriction and/or election requirement.

Application Papers

- 9) ☒ The specification is objected to by the Examiner.
- 10) ☒ The drawing(s) filed on 25 February 2002 is/are: a) ☐ accepted or b) ☒ objected to by the Examiner.
Applicant may not request that any objection to the drawing(s) be held in abeyance. See 37 CFR 1.85(a).
Replacement drawing sheet(s) including the correction is required if the drawing(s) is objected to. See 37 CFR 1.121(d).
- 11) ☐ The oath or declaration is objected to by the Examiner. Note the attached Office Action or form PTO-152.

Priority under 35 U.S.C. § 119

- 12) ☐ Acknowledgment is made of a claim for foreign priority under 35 U.S.C. § 119(a)-(d) or (f).
a) ☐ All b) ☐ Some * c) ☐ None of:
1. ☐ Certified copies of the priority documents have been received.
2. ☐ Certified copies of the priority documents have been received in Application No. _____.
3. ☐ Copies of the certified copies of the priority documents have been received in this National Stage application from the International Bureau (PCT Rule 17.2(a)).

* See the attached detailed Office action for a list of the certified copies not received.

Attachment(s)

- 1) ☒ Notice of References Cited (PTO-892)
- 2) ☐ Notice of Draftsperson's Patent Drawing Review (PTO-948)
- 3) ☐ Information Disclosure Statement(s) (PTO-1449 or PTO/SB/08)
Paper No(s)/Mail Date _____
- 4) ☐ Interview Summary (PTO-413)
Paper No(s)/Mail Date. _____
- 5) ☐ Notice of Informal Patent Application (PTO-152)
- 6) ☐ Other: _____

DETAILED ACTION

1. This action is responsive to the application filed on February 25, 2002.
2. Claims 1-6 have been examined and rejected.

Oath/Declaration

3. The Office acknowledges receipt of a properly signed oath/declaration filed on February 2, 2002.

Specification

4. The disclosure is objected to because of the following informalities: Page 4 line 8, "hard disk drive 20" should be read as "hard disk drive 30".

Appropriate correction is required.

Drawings

5. The drawings are objected to as failing to comply with 37 CFR 1.84(p)(5) because they include the following reference character(s) not mentioned in the description: **Fig. 1, blocks 18, 19, 21, 22, and 23**. Corrected drawing sheets in compliance with 37 CFR 1.121(d), or amendment to the specification to add the reference character(s) in the description in compliance with 37 CFR 1.121(b) are required in reply to the Office action to avoid abandonment of the application. Any amended replacement drawing sheet should include all of the figures appearing on the immediate prior version of the sheet, even if only one figure is being amended. Each drawing sheet submitted after the filing date of an application must be labeled in the top margin as either "Replacement Sheet" or "New Sheet" pursuant to 37 CFR 1.121(d). If the changes are not accepted by the examiner, the applicant will be notified and informed of any required corrective action in the next Office action. The objection to the drawings will not be held in abeyance.

6. The drawings are objected to as failing to comply with 37 CFR 1.84(p)(4) because reference characters "11" and "22" have both been used to designate CPU and reference characters "13" and "23" have both also been used to designate MEMORY. Corrected drawing sheets in compliance with 37 CFR 1.121(d) are required in reply to the Office action to avoid abandonment of the application. Any amended replacement drawing sheet should include all of the figures appearing on the immediate prior version of the sheet, even if only one figure is being amended. Each drawing sheet submitted after the filing date of an application must be labeled in the top margin as either "Replacement Sheet" or "New Sheet" pursuant to 37 CFR 1.121(d). If the changes are not accepted by the examiner, the applicant will be notified and informed of any required corrective action in the next Office action. The objection to the drawings will not be held in abeyance.

Claim Rejections - 35 USC § 102

The following is a quotation of the appropriate paragraphs of 35 U.S.C. 102 that form the basis for the rejections under this section made in this Office action:

A person shall be entitled to a patent unless –

(b) the invention was patented or described in a printed publication in this or a foreign country or in public use or on sale in this country, more than one year prior to the date of application for patent in the United States.

7. Claims 1-6 are rejected under 35 U.S.C. 102(b) as being anticipated by "Information Technology –Protected Area Run Time Interface Extension Services" printed September 30, 2000 by American National Standards, Inc.

As per Claim 1:

Stevens discloses a method for use with a computer system having an operating system (page 4 "3.2.17 O/S") and a nonvolatile storage device (hard disk; page 1 under a title of "1 Scope" line 2), comprising the steps of:

creating a boot engineering extension record (BEER) on the nonvolatile storage device (page 7 under a title of "5.2 The Boot Engineering Extension Record (BEER)");

configuring the boot engineering extension record to have SETMAX pointer that points to a user area of the nonvolatile storage device and a service area pointer (page 6 under a title "4 Overview" lines 1-2) that points to a PARTIES service area that is part of a host protected area of the nonvolatile storage device (page 6 under a title of "5 Initialization Requirements" lines 1-5);

storing data derived from the removable storage media device in the PARTIES service area, which data will be used in an emulated removable storage media device (page 5 under a title of "3.2.24" lines 1-2); and

configuring an operating system to access the PARTIES service area so that the data stored therein is presented to a user as if it were derived from an emulated removable storage media device (page 6 under a title "4 Overview" lines 10-15).

As per Claim 2:

The method recited in claim 1 further comprising the step of: configuring the operating system to access the user area (page 5 "3.2.25 User Area" to provide access to applications and data of a user of the computer system (page 9 under a title of "5.2.3.4 Bit 4" lines 5-6).

As per Claim 3:

The limitation of claim 3 has already been discussed in the rejection of claim 1. It is therefore rejected under the same rationale.

As per Claim 4:

The limitation of claim 4 has already been discussed in the rejection of claim 2. It is therefore rejected under the same rationale.

As per Claim 5:

A computer system comprising

- a central processing unit (x86 processor; page 1 under a title of "1 Scope" line 22) ;
- a system memory (system memory; page 5 under a title "3.2.19 Protect Mode line 3);
- a nonvolatile storage device (hard disk; page 1 under a title of "1 Scope" line 2);
- an operating system (page 4 under a title of "3.2.17 O/S"); and
- computer software (page 9 under a title of "5.2.3.4 Bit (Configuration Time Stamp is Valid)" lines 1-3) that creates a boot engineering extension record (BEER) on the nonvolatile storage device (page 7 under a title "5.2 The Boot Engineering Extension Record (BEER)"), configures the boot engineering extension record to have SETMAX pointer that points to a user area of the hard disk drive and a service area pointer (page 6 under a title "4 Overview" lines 1-2) that points to a PARTIES service area that is part of a host protected area of the nonvolatile storage device, stores data derived from the removable storage media device in the PARTIES service area, which data will be used in an emulated removable storage media device, and configures an operating system to access the PARTIES service area so that it is presented to a user as being derived from an emulated removable storage media device (page 6 under a title "4 Overview" lines 10-15).

As per Claim 6:

The limitation of claim 6 has already been discussed in the rejection of claim 2. It is therefore rejected under the same rationale.

Conclusion

1. The prior art made of record and not relied upon is considered pertinent to applicant's disclosure.
2. Any inquiring concerning this communication or earlier communication from the examiner should be directed to Kibrom K. Gebresilassie whose telephone number is (571) 272-

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8571. The examiner can normally be reached on Monday-Friday, 8:30 am to 4:30 pm. If attempts to reach the examiner by telephone are unsuccessful, the examiner supervisor, Jean R. Homere can be reached at (571) 272-3780. The official fax number is (703) 872-9306. Any inquiring of a general nature relating to the status of this application should be directed to the group receptionist whose telephone number is (571) 272-3700.

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